

Asphalt Mix Field Testing

When creating a sample it should be easy to find the correct material code by keying in the 3 digit code (307, 313 or 411). Then hold your cursor over the field and a magnifying glass will appear. Right click and select "search"

Maintain Sample Information

Basic Sample Data | Addtl Sample Data | Contract

Smpl ID: Status

Revised By: Revising

Link To: Link From

Smpl Type: Spt Meth

Material: 411

Sampler:

P/S:

Type: City

Prod Nm:

Search
Filter Search
Show Details
Filter
Find
Sort
Show Filter/ Sort

The search window will open with the first record being the one that starts with that code. The inspector will then be able to see the "material full name". The descriptions are grouped by the letter of the mix (A, AS, ACRL, B, BM, BM2, etc.) (411D, E, E(shoulder), SP411's) It should only take a couple of seconds to scroll to the correct mix and select it.

Search Window

Material Code	Material Full Name	Material Category
411.03.001	411-D Bit PM, PG 64-22	411 - Asphalt Concrete Surface (HotMix)
411.03.002	411-D Bit PM, PG 67-22	411 - Asphalt Concrete Surface (HotMix)
411.03.003	411-D Bit PM, PG 70-22	411 - Asphalt Concrete Surface (HotMix)
411.03.004	411-D Bit PM, PG 76-22	411 - Asphalt Concrete Surface (HotMix)
411.03.005	411-D Bit PM, PG 82-22	411 - Asphalt Concrete Surface (HotMix)
411.03.006	411-E Bit PM, PG 64-22	411 - Asphalt Concrete Surface (HotMix)
411.03.007	411-E Bit PM, PG 67-22	411 - Asphalt Concrete Surface (HotMix)

OK Cancel

Below are examples of info that should be entered for field samples of asphalt mix:

Maintain Sample Information

Basic Sample Data Addtl Sample Data Contract Other Tests

Smpl ID: j01563149G083021 Status: Received

Revised By: Revising: Sample Date: 09/16/14

Link To: Link From: Log Date: 09/16/14

Smpl Type: Acceptance Acpt Meth: Acceptance

Material: 411.03.001 411-D Bit PM, PG-64 22

Sampler:

P/S: Rogers Group - Lawrenceburg Asphalt 35000003

Type: Producer/Supplier City: Lawrencebrg

Prod Nm:

Mnfctr:

Town: Geog Area: Region 3 - Lawrence

Intd Use: Sta. 35+00 to 68+50 N bound

Repr Qty: 452.250 Ton Lab Control Number: CNj01563149G083021

Auth By: Auth Date: 00/00/00 Lab Reference Number:

Lock Type: Locked By: j01563 Lock Date: 9/16/2014 08:39:18

HQ: ☒

Maintain Sample Information

Basic Sample Data **Addtl Sample Data** Contract Other Tests

Smpl ID: j01563149G083021 Buy American: ☐

Reqst By: Witnessed By:

Smpl Size:

Dist from Grade:

Station: 38+00 Offset: 12 Reference: Left

Smpld From:

Smpl Origin:

Control Type: Cntrl Number: Seal Number:

Design Type: Marshall Mix ID: 3140074

Plant ID: Plant Type:

Creator User ID: j01563 Include Standard Remarks: ☐ Sample Created from DWR: ☐ DWR Date: 00/00/00

Last Modified User ID: j01563 Last Modified Date: 09/24/14 DWR Inspector:

You can either key in the design number or use the search function:

Maintain Sample Information

Basic Sample Data **Addtl Sample Data** Contract Other Tests

Smpl ID: j01563149G083021 Buy American: ☐

Reqst By: Witnessed By:

Smpl Size:

Dist from Grade:

Station: Offset: Reference:

Smpld From:

Smpl Origin:

Control Type: Cntrl Number:

Design Type: Marshall Mix ID: 3140074

Plant ID:

Creator User ID: j01563 Include Standard Remarks: ☐

Last Modified User ID: j01563 Last Modified Date: 09/24/14

Search
Filter Search
Show Details
Filter
Find
Sort
Show Filter/ Sort

Next we need to link the tests to a contract:

Click on the contract tab.

1. Select the “New” icon at the top of the window.
2. Enter contract number or use search function to find correct contract and item(s) NOTE: if contract has multiple projects w/ item, select all project items.
3. DO NOT ENTER QUANTITY. The quantity to be paid is entered in a DWR by office personnel. The material has a rate/frequency of testing linked to it, and entering a quantity here will possibly cause a shortage of test results resulting in money being withheld.

1

Contract ID	Project	Line Item	Proposal Line Number	Item Code	Fed State Prj Nbr	Cont Est Matrl Qty	Represented Qty	Material Unit	Reported Matrl Qty	Sat M
TST118	06001-3171-44	0490		411-01.10	NH/HPP-I-75-1	52.000	0.000	Ton	0.000	
							.000			

3

2

Select Contract/Material Information

Please tab out of the field to retrieve the Line Item select list

Contract Id: TST118 INTERCHANGE IMPROVEMENTS ON I-75 @ SR 311 (US-74)

Project Number	Line Item Number	Proposal Line Number	Item Code	Line Item Desc
06001-3171-44	0490	0490	411-01.10	ACS MIX(PG64-22) GRADING D

Next you will need to select a lab.

Click on the Other tab.

1. Select the “New” icon at the top of the window.
2. Select Destination Lab.
3. Use search function to find correct lab.

Basic Sample Data	Addtl Sample Data	Contract	Other	Tests
Sample ID: j01563149G083021				
Type	ID	Description		
Destination Lab				

Search Window

Destination Lab
DEST - TDOT Contractor Lab
DEST - TDOT Field Testing

The final step is selecting the tests. Select the “Open Assign Tests” icon at the top of the screen. Most times you will accept default tests. If you need to run tests that are only ran occasionally, select the More button.

File Edit Services Window Help

Maintain Sample Information

Basic Sample Data
Addtl Sample Data
Contract
Other
Tests

Assign Sample Tests

Sample ID: j01563149G083021
Sample Type: Acceptance
Material Code: 411.03.001

Assigning tests to the sample will lock the sample

Accept Default Tests

Cancel

More...

When you select the “More” option, a new window opens. You can use this window to add additional tests, or remove default tests. Once you click “Save Tests” the sample will lock and will be in the lab you selected (Field or Contractor). NOTE: It is a pain to add/remove tests after this step, so make sure you have the tests you plan to run on your sample selected.

Assign Sample Tests

Sample ID: j0156315U142008 Sample Type: Acceptance Material Code: 411.03.001

Assigning tests to the sample will lock the sample

Additional Available Tests		Tests to be Assigned				
Test Description	Lab Unit	Default Test	Test Rqrd	Auto-Finalize	Test Runs	Test Description
M003 - 1 Ride Smoothness (SP 411B)	TDOT699001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	D2950 - Density of Bituminous Conc in
M004 - Pre-Ride Improvement (SP411C)	TDOT699001					
M019 - Asphalt Core Thickness	TDOT699001					
M020 - Visually Accepted	TDOT699001					
T242 - Friction Data Import	TDOT699001					

Buttons: Add -> <- Remove

Buttons: Save Tests Cancel

You are now ready to go to LIMS and enter your test results.

A very important procedure note:

SiteManager requires specific tests to be performed before any payment can be made on asphalt mix items. If no tests are required first day material is placed (small quantity or temporary) A density sample with test D2950 required for payment MUST be created. The sample can be moved thru LIMS without any test data entered, by selecting the "No tests taken" check box. The inspector will be required to describe reason in remarks field of test templates. This will be an "Acceptance" sample.

D2950 Nuclear Asphalt Density

☒ In Spec
☐ Out of Spec
☐ No Spec

Print

Equipment:

☒ No tests taken due to field conditions **Comment describing conditions required (if checked)**

Comments: being paid under SOP 1-1 small quantity procedure

Version 1.5 (08-15-17)